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## Search History

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<u>L5</u>	l3 and L4	23	<u>L5</u>
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**WEST**

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File: DWPI

Oct 24, 1990

DERWENT-ACC-NO: 1990-322262  
DERWENT-WEEK: 200036  
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TITLE: Synergistic combination of propiconazole and tebuconazole - for fungicidal use  
in protecting e.g. plants, wood and bio-degradable materials

INVENTOR: VALCKE, A R A; WECHELDERZANDE, V A A

PRIORITY-DATA: 1989GB-0008794 (April 19, 1989)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 393746 A	October 24, 1990		000	
CA 2014646 C	April 18, 2000	E	000	A01N043/26
AU 9053733 A	October 25, 1990		000	
PT 93789 A	November 20, 1990		000	
NO 9001581 A	October 22, 1990		000	
CA 2014646 A	October 19, 1990		000	
JP 02292203 A	December 3, 1990		000	
FI 9001943 A	October 20, 1990		000	
BR 9001817 A	June 11, 1991		000	
ZA 9002929 A	December 24, 1991		000	
NZ 233208 A	November 25, 1992		000	A01N043/64
US 5223524 A	June 29, 1993		008	A01N043/64
RO 105426 A	October 30, 1992		000	A01N043/647
EP 393746 B1	June 15, 1994	E	013	A01N043/653
DE 69009839 E	July 21, 1994		000	A01N043/653
NO 175922 B	September 26, 1994		000	A01N043/653
ES 2057356 T3	October 16, 1994		000	A01N043/653
US 5397795 A	March 14, 1995		008	A01N043/64
FI 94206 B	April 28, 1995		000	A01N043/653
RU 2024228 C1	December 15, 1994		006	A01N043/653
IE 63865 B	June 14, 1995		000	A01N043/653
PH 27034 A	February 1, 1993		000	A01N043/653
JP 2572145 B2	January 16, 1997		010	A01N043/653
CZ 9001917 A3	May 14, 1997		000	A01N043/653
CZ 282625 B6	August 13, 1997		000	A01N043/653
SK 279500 B6	December 2, 1998		000	A01N043/653
SK 9001917 A3	December 2, 1998		000	A01N043/653

T3 INT-CL (IPC): A01N 43/26; A01N 43/28; A01N 43/64; A01N 43/647; A01N 43/65; A01N 43/653; B27K 3/40; B27K 3/50; C07D 249/08; C07D 405/06; G02B 27/00

ABSTRACTED-PUB-NO: EP 393746A  
BASIC-ABSTRACT:

A fungicidal compsn. comprises tebuconazole, having the formula (II), or a salt or

~~solvate of this cpd., and propiconazole, having the formula (I), or a salt or solvate of this cpd., and a carrier. The two active cpds. may be used as a combination for simultaneous, separate or sequential use in antifungal applications.~~

USE/ADVANTAGE - The two active cpds. act synergistically against a broad range of fungi. The combination may be used for treating plants or their loci, wood or wood products, pulpwood for paper manufacture or biodegradable materials.  
ABSTRACTED-PUB-NO:

EP 393746B EQUIVALENT-ABSTRACTS:

A composition comprising (I) propiconazole, a salt, a stereoisomer or a stereoisomeric mixture thereof and (II) tebuconazole or a salt thereof, in quantities producing a mutual synergistic antifungal effect, and a carrier.

US 5223524A

Method of preserving wood on wood prods. comprises treatment with an antifungal compsn. comprising (A) a carrier, (B)  $\alpha$ -(2-(4-chlorophenyl) ethyl)- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazol-1-ethanol (Tebuconazole) or a salt, and (C) 1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl) methyl)-1H-1,2,4-triazole (Propiconazole) or a salt, or stereoisomers or mixt. of stereoisomers, the wt. ratio of (B):(C) being from 1:1 to 1:50 (1:1 to 1:10) (1:1 to 1:5), 1:1 being esp. pref. In wood-preserving solns., concn. of (B) is 100-15000 (300-7500) (750-1500) ppm. and conc. of (C) is 100-10000 (200-5000) (500-1000) ppm.

US 5397795A

Antifungal compsn. comprises tebuconazole (I) or its salt, propiconazole (II) or its salt, stereoisomer or stereoisomeric mixt. and a carrier in a ratio of (I):(II) of 50:1-1:50 pref. 10:1-1:10 esp. 5:1-1:5 or 1:5-1:1.

USE/ADVANTAGE - The cpds. (I) and (II) are synergistic and the compsn. is used to control or prevent growth of fungi on plants or their loci partic. in plant prods., including wood, in pulpwood for paper mfr. and in biodegradable materials e.g. textiles of natural fibres such as cotton, flax, hemp, wool and silk, textiles of synthetic fibres e.g. polyamide, polyacrylonitrile and/or polyester, coatings e.g. oil paints dispersion paints, lacquers, lacquer films, whitewash and finishing stains, glues and other materials which are biodegradable by fungi. The mixts. are active against Ascomycetes e.g. Venturia and Erysiphe, Basidiomycetes e.g. Puccinia and Lentinus and Fungi imperfecti e.g. Botrytis and Cercospora. The mixts. have good plant tolerance and lack environmental problems.